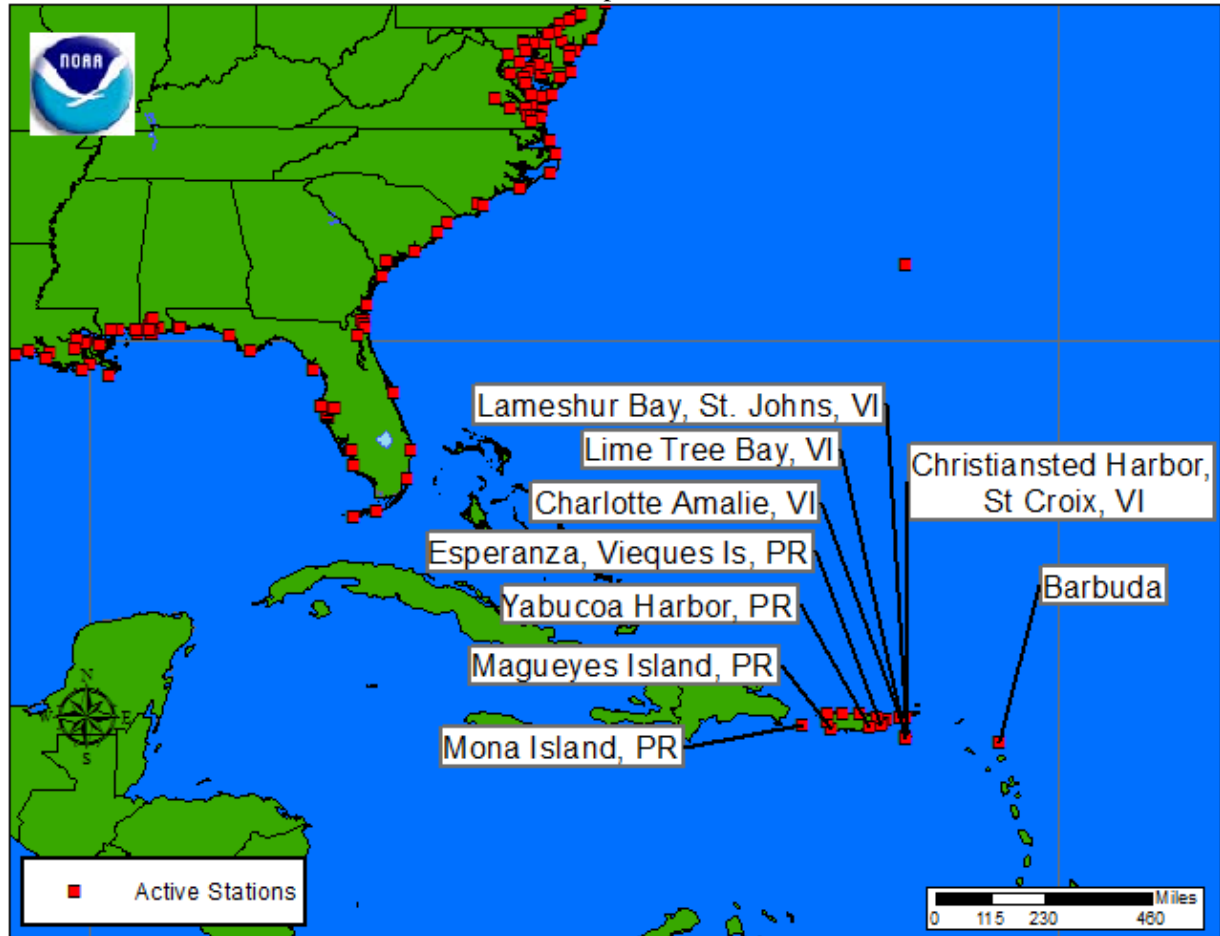




Tropical Storm ISAAC QuickLook  
Posted: 00:00 AST 08/24/2012

#### NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

QuickLook updates have been temporarily suspended. QuickLook updates will resume when oceanographic conditions warrant and/or the National Hurricane Center(NHC) issues a new tropical storm or hurricane warning for the U.S. coast.

As of 08/24/2012 00:00 AST, water levels from Barbuda and the U.S. Virgin Islands to Puerto Rico remain elevated between 0.3 and 1.0 ft above tidal predictions. Water levels from Barbuda to Puerto Rico have been elevated by up to 0.5 feet above tidal predictions over the past several months. This residual water level is in addition to any storm surge effects from Isaac. Winds across the region vary and are between 5 and 24 knots with higher gusts. Barometric pressure is rising across the region.

Water Level and Meteorological plots available below are updated automatically. Water level plots relative to Mean Lower Low Water .

## Tropical Storm ISAAC QuickLook, POSTED 00:00 AST 08/24/2012

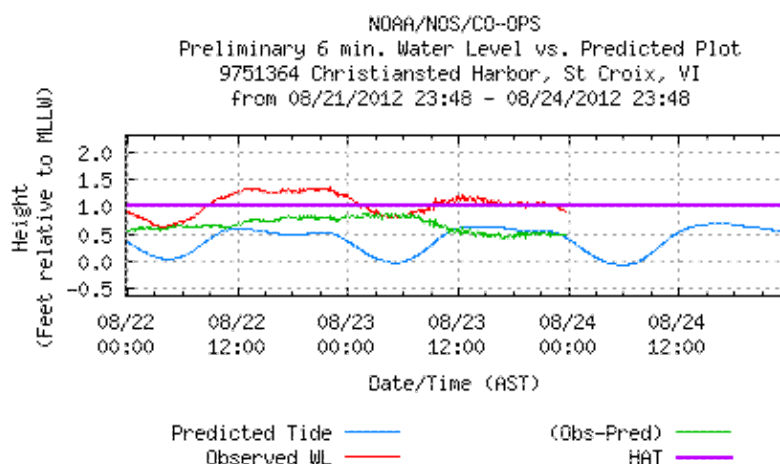
For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see [Tidal Datums](#). For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:KG

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Christiansted Harbor, St Croix - Water Level](#), [Christiansted Harbor, St Croix - Winds](#), [Christiansted Harbor, St Croix - Barometric](#), [Lameshur Bay, St. John - Water Level](#), [Lime Tree Bay - Water Level](#), [Lime Tree Bay - Winds](#), [Lime Tree Bay - Barometric](#), [Charlotte Amalie - Water Level](#), [Charlotte Amalie - Winds](#), [Charlotte Amalie - Barometric](#), [Esperanza, Vieques Island - Water Level](#), [Esperanza, Vieques Island - Winds](#), [Esperanza, Vieques Island - Barometric](#), [Yabucoa Harbor - Water Level](#), [Yabucoa Harbor - Winds](#), [Magueyes Island - Water Level](#), [Magueyes Island - Winds](#), [Magueyes Island - Barometric](#), [Mona Island - Water Level](#), [Barbuda - Water Level](#), [Barbuda - Winds](#), [Barbuda - Barometric](#),

Christiansted Harbor, St Croix, VI - Return to List

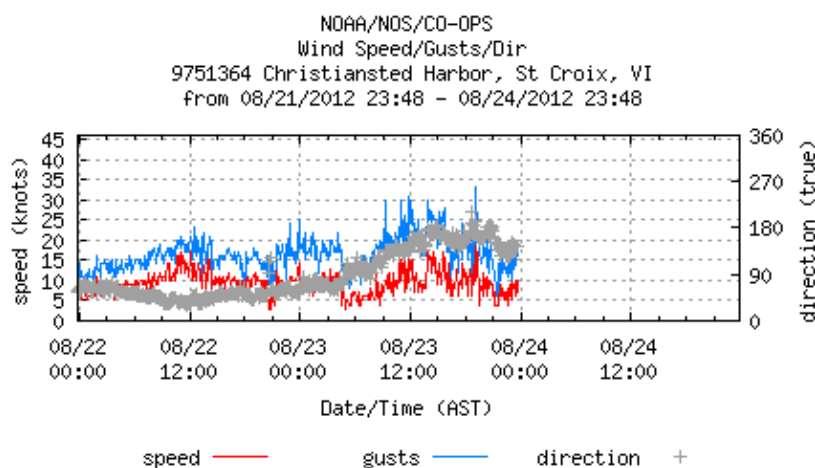


Last Observed Sample: 08/23/2012 23:42 (AST)

Relative to MLLW: **Observed: 0.90 ft.** **Predicted: 0.43 ft.** **Residual: 0.47 ft.**

Historical Maximum Water Level: Oct 16 2008, 1.17 ft. above MHHW

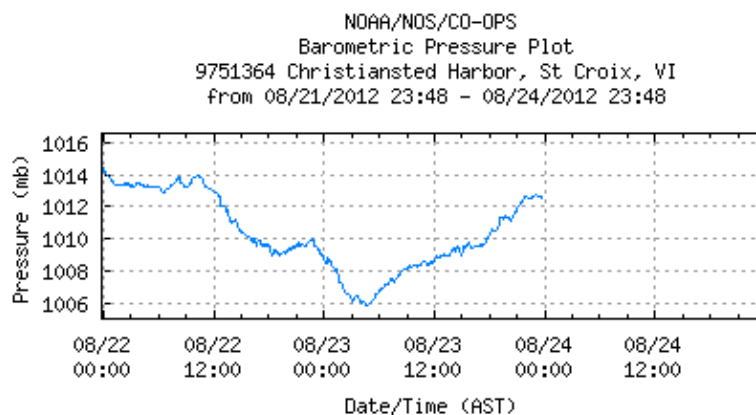
Christiansted Harbor, St Croix, VI - Return to List



Last Observed Sample: 08/23/2012 23:42 (AST)

**Wind Speed: 7 knots** **Gusts: 18 knots** **Direction: 144° T**

Christiansted Harbor, St Croix, VI - Return to List

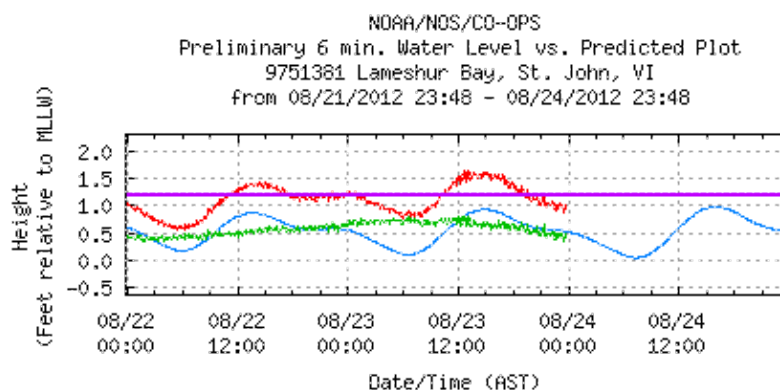


barometric pressure —

Last Observed Sample: 08/23/2012 23:42 (AST)

Barometric Pressure: 1012.5 mb

Lameshur Bay, St. John, VI - Return to List



Predicted Tide —

Observed WL —

(Obs-Pred) —

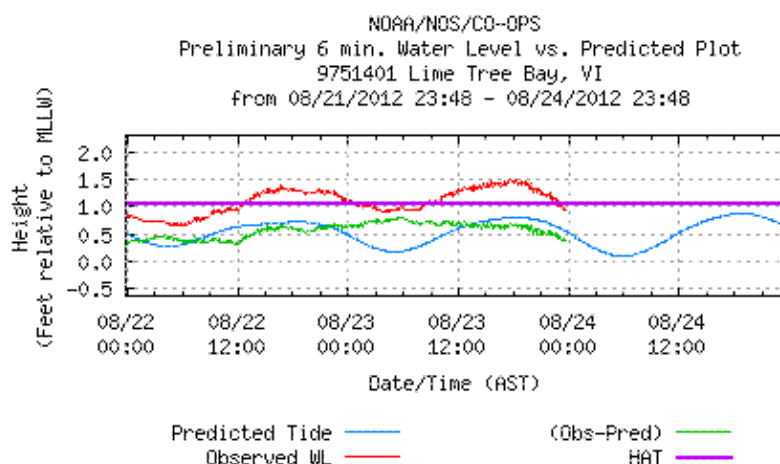
HAT —

Last Observed Sample: 08/23/2012 23:42 (AST)

Relative to MLLW: **Observed: 1.01 ft.** **Predicted: 0.53 ft.** **Residual: 0.48 ft.**

Historical Maximum Water Level: Aug 30 2010, 0.9 ft. above MHHW

Lime Tree Bay, VI - Return to List

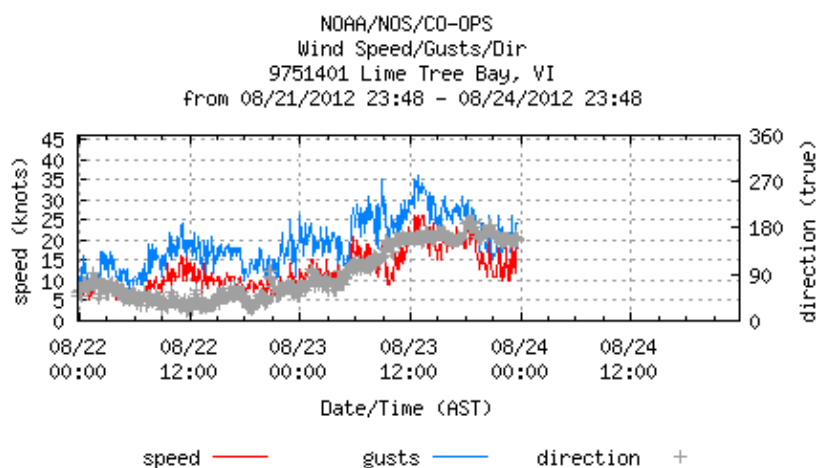


Last Observed Sample: 08/23/2012 23:42 (AST)

Relative to MLLW: **Observed: 0.93 ft.** **Predicted: 0.55 ft.** **Residual: 0.38 ft.**

Historical Maximum Water Level: Nov 17 1999, 1.88 ft. above MHHW

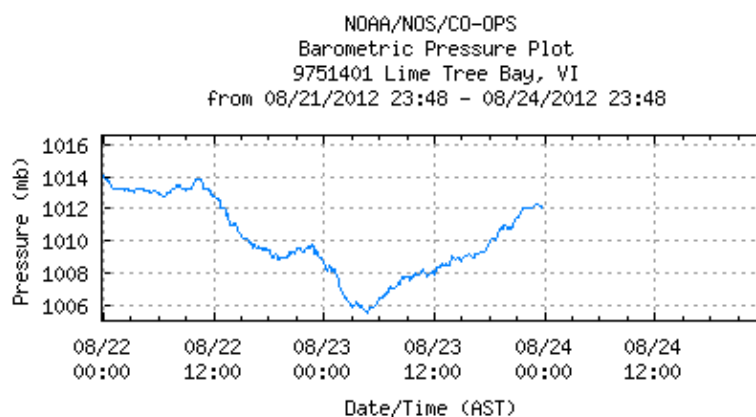
Lime Tree Bay, VI - Return to List



Last Observed Sample: 08/23/2012 23:42 (AST)

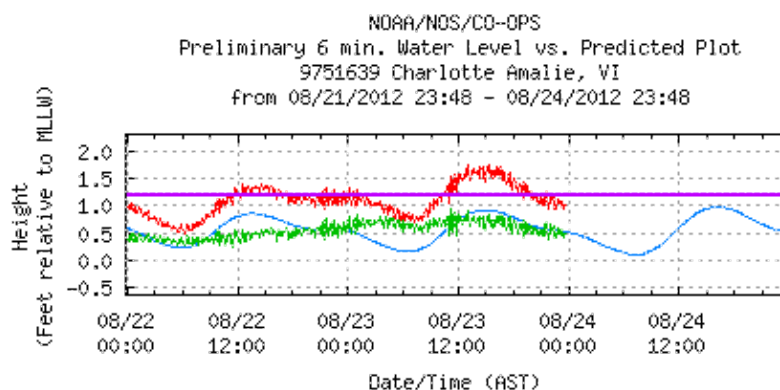
**Wind Speed: 18 knots** **Gusts: 24 knots** **Direction: 156° T**

Lime Tree Bay, VI - Return to List



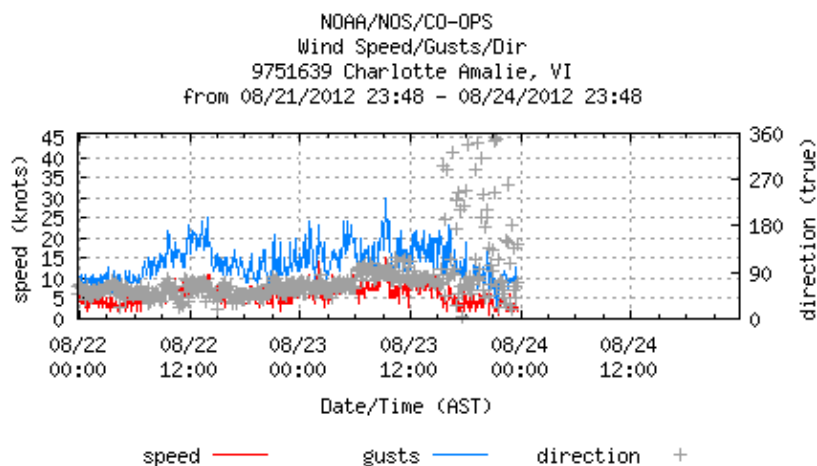
barometric pressure —  
Last Observed Sample: 08/23/2012 23:42 (AST)  
Barometric Pressure: 1012.2 mb

Charlotte Amalie, VI - Return to List



Predicted Tide — (Obs-Pred) —  
Observed WL — HAT —  
Last Observed Sample: 08/23/2012 23:42 (AST)  
Relative to MLLW: Observed: 1.02 ft. Predicted: 0.52 ft. Residual: 0.50 ft.  
Historical Maximum Water Level: Sep 16 1995, 2.93 ft. above MHHW

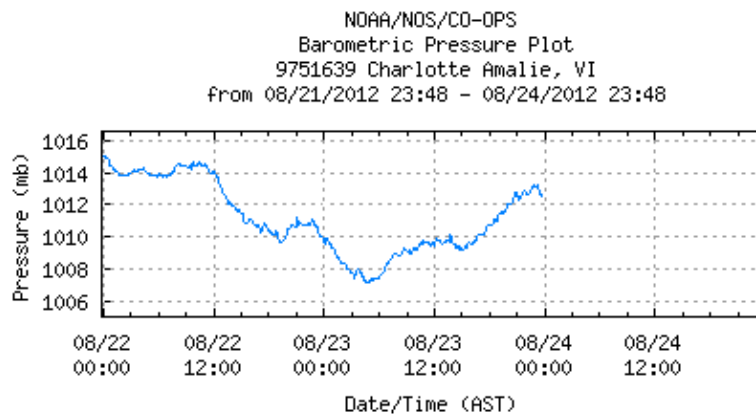
[Charlotte Amalie, VI - Return to List](#)



Last Observed Sample: 08/23/2012 23:42 (AST)

Wind Speed: 2 knots Gusts: 7 knots Direction: 71° T

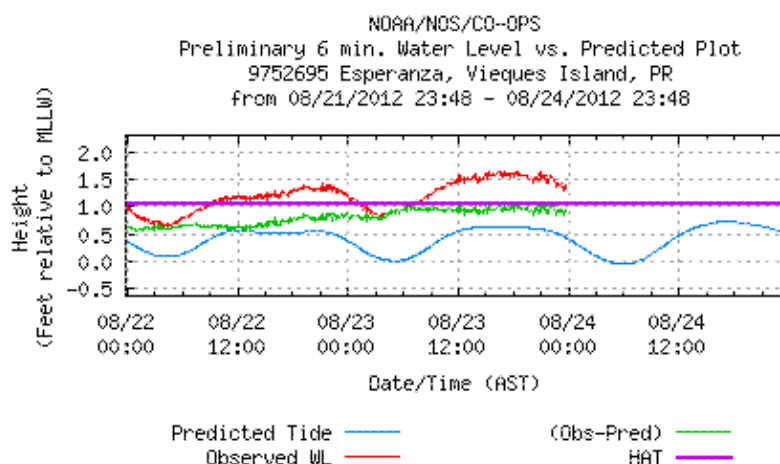
[Charlotte Amalie, VI - Return to List](#)



Last Observed Sample: 08/23/2012 23:42 (AST)

Barometric Pressure: 1012.5 mb

[Esperanza, Vieques Island, PR - Return to List](#)

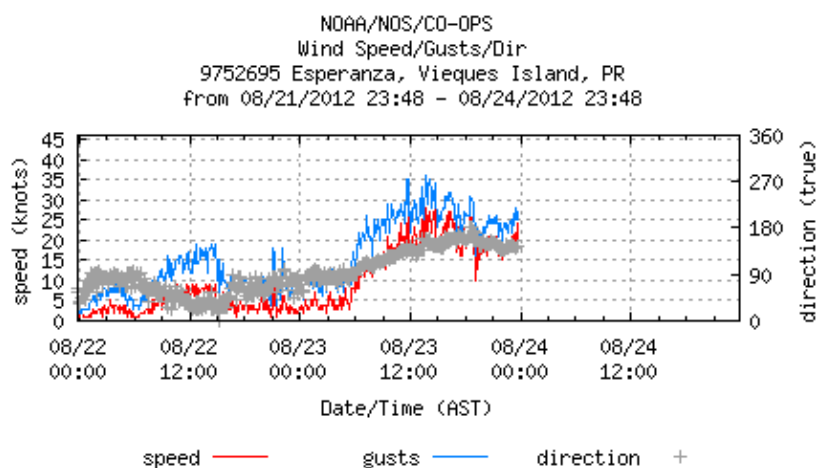


Last Observed Sample: 08/23/2012 23:42 (AST)

Relative to MLLW: **Observed: 1.35 ft.** **Predicted: 0.43 ft.** **Residual: 0.92 ft.**

Historical Maximum Water Level: Aug 22 2011, 1.04 ft. above MHHW

[Esperanza, Vieques Island, PR - Return to List](#)

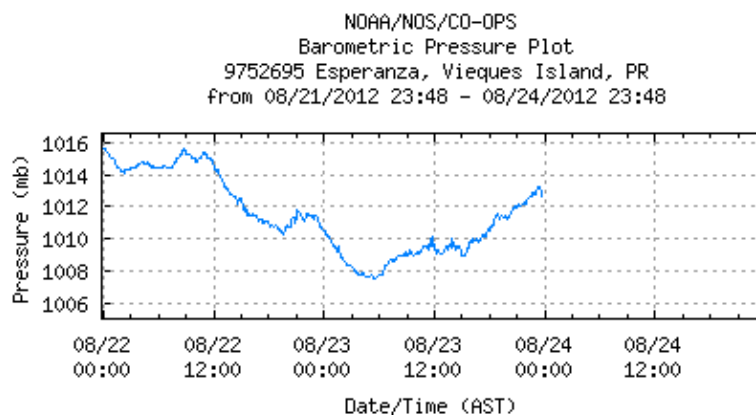


Last Observed Sample: 08/23/2012 23:42 (AST)

**Wind Speed: 19 knots** **Gusts: 25 knots** **Direction: 144° T**

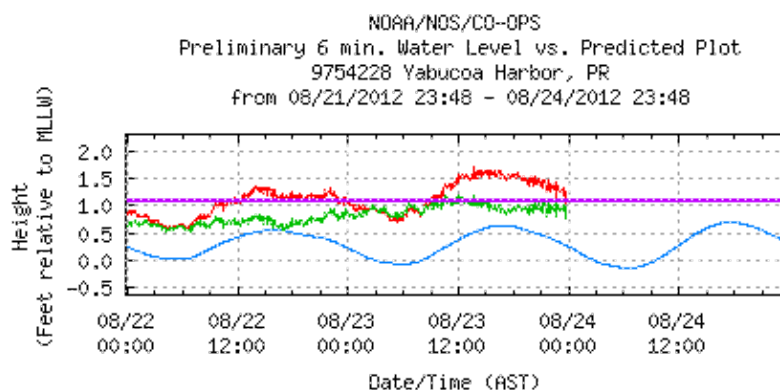


Esperanza, Vieques Island, PR - Return to List



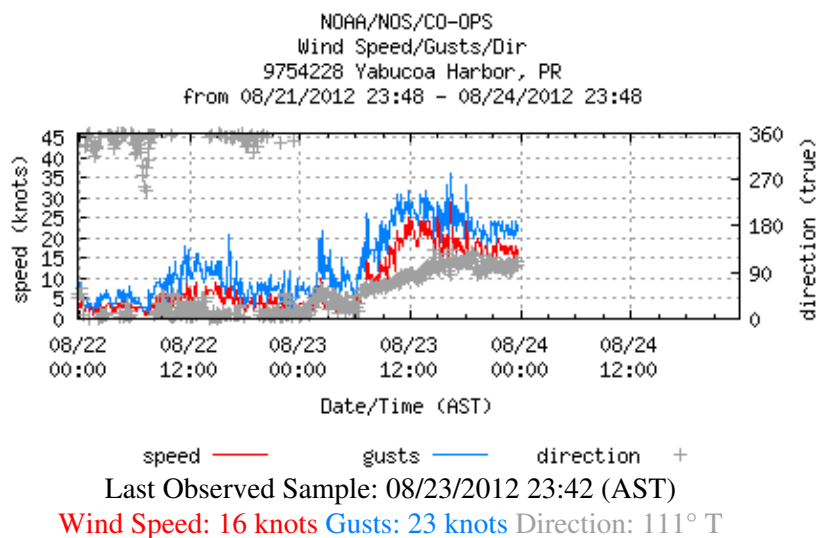
barometric pressure —  
Last Observed Sample: 08/23/2012 23:42 (AST)  
Barometric Pressure: 1012.7 mb

Yabucoa Harbor, PR - Return to List

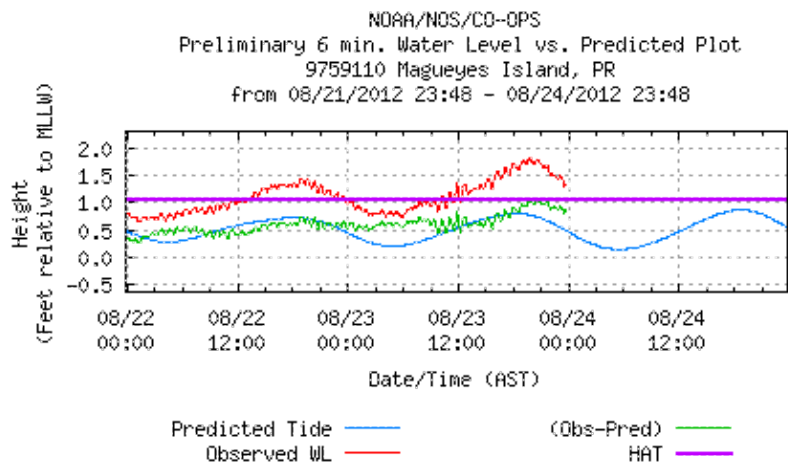


Predicted Tide — (Obs-Pred) —  
Observed WL — HAT —  
Last Observed Sample: 08/23/2012 23:42 (AST)  
Relative to MLLW: Observed: 1.26 ft. Predicted: 0.27 ft. Residual: 0.99 ft.  
Historical Maximum Water Level: , 0 ft. above MHHW

Yabucoa Harbor, PR - Return to List

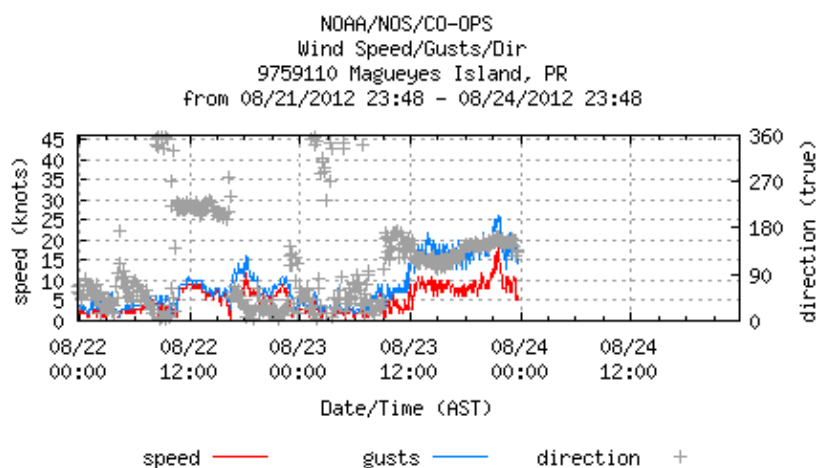


Magueyes Island, PR - Return to List



Last Observed Sample: 08/23/2012 23:42 (AST)  
Relative to MLLW: Observed: 1.35 ft. Predicted: 0.49 ft. Residual: 0.86 ft.  
Historical Maximum Water Level: Sep 22 1998, 1.6 ft. above MHHW

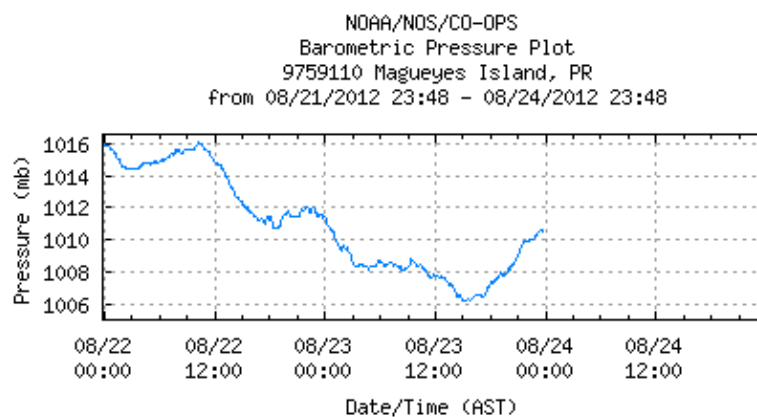
Magueyes Island, PR - Return to List



Last Observed Sample: 08/23/2012 23:42 (AST)

Wind Speed: 5 knots Gusts: 14 knots Direction: 137° T

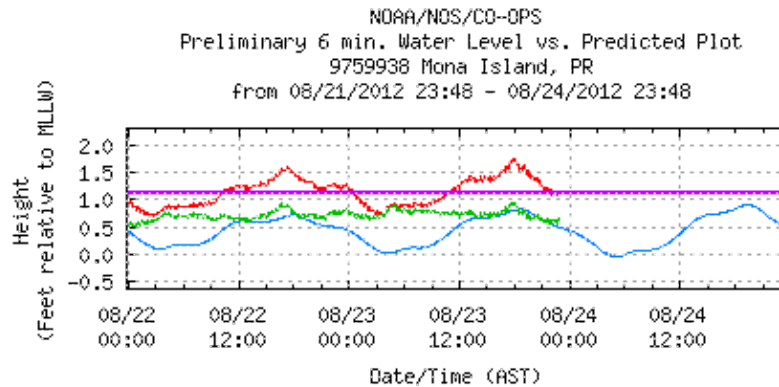
Magueyes Island, PR - Return to List



Last Observed Sample: 08/23/2012 23:42 (AST)

Barometric Pressure: 1010.5 mb

[Mona Island, PR - Return to List](#)



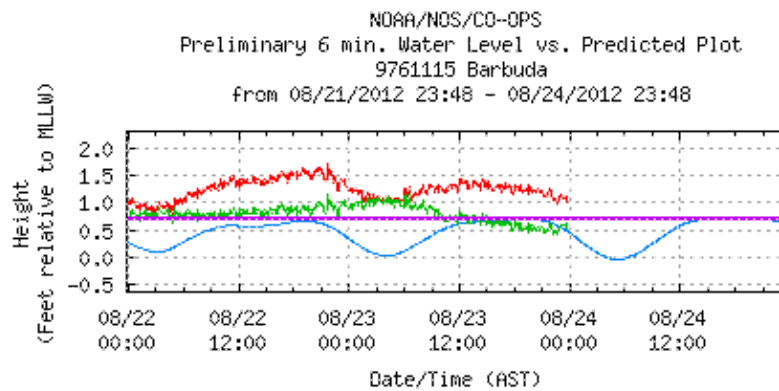
Predicted Tide — (Obs-Pred) —  
Observed WL — HAT —

Last Observed Sample: 08/23/2012 22:54 (AST)

Relative to MLLW: **Observed: 1.14 ft.** **Predicted: 0.49 ft.** **Residual: 0.65 ft.**

Historical Maximum Water Level: Dec 23 2010, 1.26 ft. above MHHW

[Barbuda - Return to List](#)



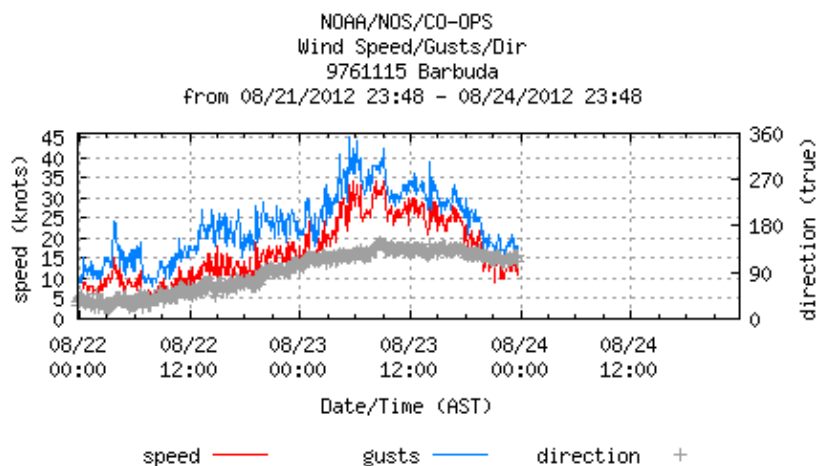
Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/23/2012 23:42 (AST)

Relative to MLLW: **Observed: 1.11 ft.** **Predicted: 0.48 ft.** **Residual: 0.63 ft.**

Historical Maximum Water Level: , ft. above MHHW

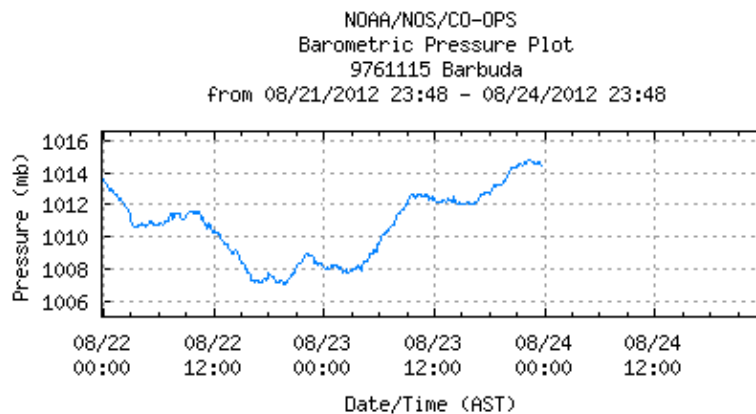
[Barbuda - Return to List](#)



Last Observed Sample: 08/23/2012 23:42 (AST)

Wind Speed: 11 knots Gusts: 16 knots Direction: 110° T

[Barbuda - Return to List](#)



Last Observed Sample: 08/23/2012 23:42 (AST)

Barometric Pressure: 1014.5 mb

Tropical Storm ISAAC QuickLook, POSTED 00:00 AST 08/24/2012

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce